

**NEW ABSTRACT**

Please replace the Abstract of the Invention with the following new Abstract:

The invention relates to a method of manufacturing a strain element. In one aspect, the method of the invention comprises forming a coating film of titanium or a titanium compound on a surface of a cylindrical mold, and shaping the coating film like a coil. The method invention further comprises forming a crystal film of a strain element having a property of a piezoelectric inverse effect by hydrothermal synthesis on the coating film shaped like the coil, and removing the strain element from the cylindrical mold.